

11000 U.S. PTO
09/852824

108		Subclass								
438		Class								
ISSUE CLASSIFICATION										

PATENT NUMBER

U.S. UTILITY Patent Application

O.I.P.E. <i>M/V</i> SCANNED <i>11-3</i> Q.A. <i>Am</i>	PATENT DATE
--	-------------

APPLICATION NO.	CONT/PRIOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
09/852824	D F	438	10	<i>2812</i> <i>23</i>	<i>L. E. 6,319,751</i>

Charles Lin

Bumpless flip chip assembly with solder via

TITLE

PTO-2040
12/99

ISSUING CLASSIFICATION									
ORIGINAL		CROSS REFERENCE(S)							
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)						
<i>436</i>	<i>108</i>	<i>438</i>	<i>18</i>	<i>113</i>	<i>127</i>	<i>643</i>	<i>667</i>		
INTERNATIONAL CLASSIFICATION									
<i>H01L</i>	<i>31/70</i>								
<i>H01L</i>	<i>31/70</i>								
<i>H01L</i>	<i>31/50</i>								
<input type="checkbox"/> Continued on Issue Slip Inside File Jacket									

<input checked="" type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
	<i>4</i>	<i>5</i>	<i>15</i>	<i>105</i>	<i>1</i>
NOTICE OF ALLOWANCE MAILED					
<input type="checkbox"/> The term of this patent, subsequent to _____ (date) has been disclaimed. <i>D.M. CONN 4/16/02</i> (Assistant Examiner) (Date)					
<input checked="" type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent No. <i>6,319,751</i> (Primary Examiner) (Date)					
ISSUE FEE					
			Amount Due	Date Paid	
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed. (Legal Instruments Examiner) (Date)					
ISSUE BATCH NUMBER					
WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.					

Form PTO-436A
(Rev. 6/99)FILED WITH: DISK (CRF) FICHE CD-ROM

(Attached in pocket on right inside flap)

(FACE)